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EXAMINER

PATEL, ASHOKKUMAR B

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 01/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/925,950

Applicant(s)

HOM ET AL.

Examiner

Ashok B. Patel

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-90 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-90 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-90 are subject to examination.

Response to Arguments

2. Applicant's arguments filed 10/20/2005 have been fully considered but they are not persuasive for the following reasons:

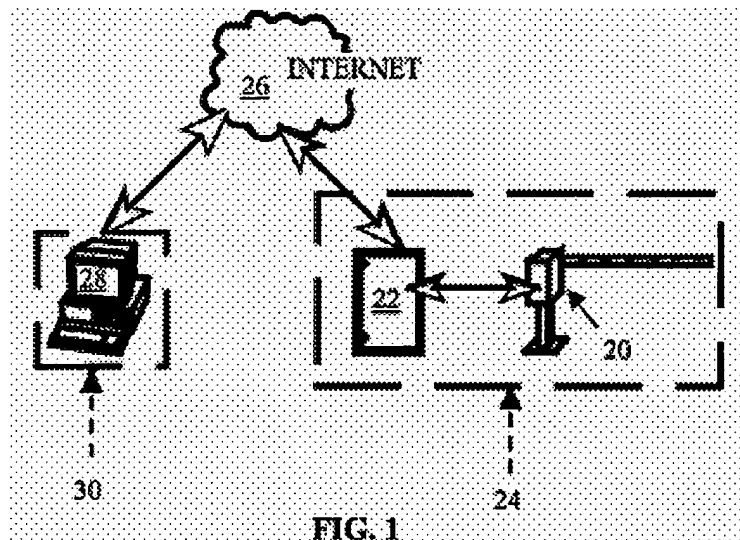
Applicant's argument:

"Claim 1 was rejected under 35 U.S.C. 102(e) as being anticipated by Townzen. Amended claim 1 recites "providing over the network the software and operating parameters to respective ones of the security gate operating mechanisms" and "storing the operating parameters at the respective ones of the security gate operating mechanisms."

"In other words, the gate controller systems 22 in Townzen do not include or store gate controller parameters as recited in claim 1. Since claim 1 does not include the above-mentioned claim elements, it is believed that claim 1 is allowable over Townzen."

Examiner's response:

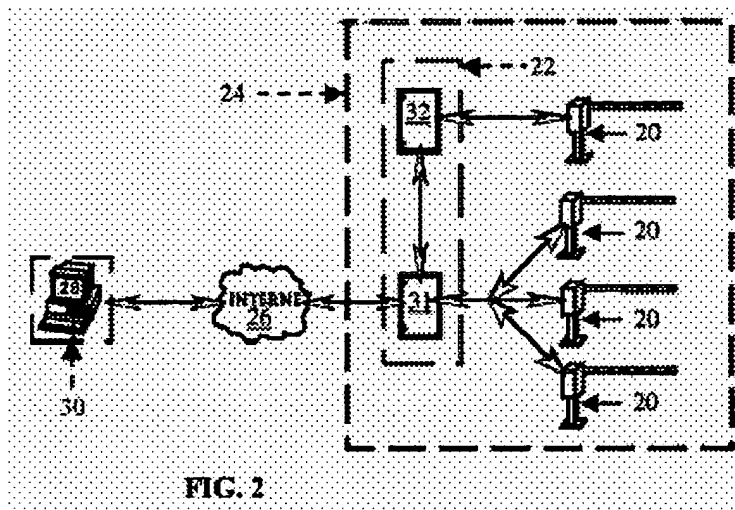
Examiner would like to present the construction and the functionality of the Townzen's Gate controller system 22 as follows:



A. As shown in Fig. 1 and in para, [0036] “However, a general purpose personal computer with the appropriate software and interface cards may also be used in providing the gate controller system 22. Also, the gate controller system 22 in FIG. 1 is shown as a separate component for illustrative purposes. The gate controller system 22 may be located anywhere at the parking garage facility 24, such as a climate controlled area, near elevator electronic equipment, or a locked closet. But in alternative, the gate controller system 22 may be located inside of or attached to the gate housing as part of the gate assembly 20.”

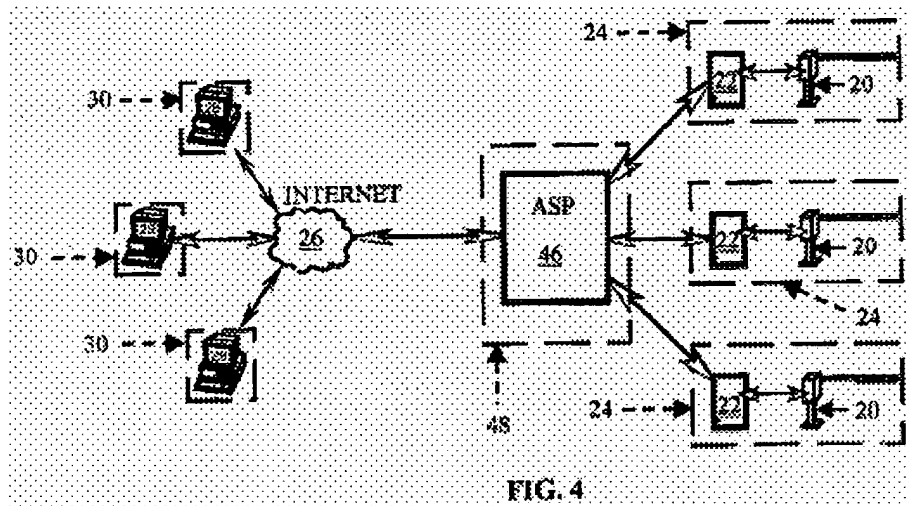
B. Now in para. [0041] Townzen reveals that “A third advantage of the present invention is that an owner and/or manager of a parking garage 24 can monitor the activity at the parking garage or download prior data stored by the gate controller system 22 for prior activities from anywhere via the Internet 26.”

Now let us further examine Townzen's teachings for the gate controller 22 as depicted in Fig. 2.



In relation to Fig. 2, Townzen reveals in para. [0045], "FIG. 2 is a simplified schematic of a second embodiment of the present invention. In the second embodiment, there are four gates 20 connected to the gate controller system 22. The gate controller system 22 has two components 31, 32. A first component 31 of the gate controller system 22 is a general purpose computer system (personal computer) having software and hardware for controlling the gates 20, for interfacing with and communicating with a second component 32 of the gate controller system 22, and for forming a secure open network connection. The second component 32 of the gate controller system 22 is a piece of dedicated hardware similar to the gate controller system of the first embodiment. The second component 32 controls the movement of a single gate 20 and has hardware allowing it to interface with the first component 31 of the gate controller system 22. Thus, the gate controller system 22 is scaleable and can comprise multiple similar or different components for controlling the motion of

one or more gates 20, as well as any other devices that need to interact with the gate controller system 22. "



Now in the above figure 4 and it's description in para. [0047], Townzen teaches, "As shown in FIG. 4, three gate controller systems 22 for three parking garages at three different locations 24 are communicably coupled to an ASP computer system 46. At each location 24 there is a gate 20 controlled by a corresponding gate controller system 22. As in the third embodiment discussed above, other devices also can be communicably coupled to each of the gate controllers 22 to expand the capabilities of the system and enhance the functionality of the system. With the ASP model, the software required to run the gate controller systems 22 is supplied by the ASP computer system 46. The software may run on the ASP computer system 46 and/or the gate controller systems 22 to perform tasks and procedures at the gate controller systems 22. Also, the ASP computer system 46 may comprise a database where information and data generated by the gate

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controller systems 22 or by devices communicably coupled to the gate controller systems 22 relating to, e.g., gate activity and/or parking garage usage can be stored." (The information is "para. [0041] Townzen reveals that "A third advantage of the present invention is that an owner and/or manager of a parking garage 24 can monitor the activity at the parking garage or download prior data stored by the gate controller system 22 for prior activities from anywhere via the Internet 26.")

In Fig. 5 and para. [0051], Townzen teaches "The fifth embodiment is a variation on the fourth embodiment in that the ASP computer system is the gate controller system 22 for numerous gates 20 at numerous locations 24."

Thus, Townzen's gate controller 22 "stores gate controller parameters."

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless-

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-90 are rejected under 35 U.S.C. 102(e) as being anticipated by Townzen et al. (hereinafter Townzen) (US 2003/0004792 A1)

Referring to claim 1,

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Townzen teaches a method of controlling the operation of a plurality of security gate operating mechanisms (Fig. 6), comprising:

- providing a central computer system, including an associated memory system (Fig. 6, element 46);

- providing a network connection (Fig. 6, element 26) between the central computer system (Fig. 6, element 46) and each of the plurality of security gate operating mechanisms ((Fig. 6, elements 22 and 20);

- storing in the associated memory system software used in operating at least some of the respective security gate operating mechanisms (Page 6, para.[009]);

- storing in the associated memory system operating system parameters for each of the respective security gate operating mechanisms (Page 6, para. [0028]);;

- providing over the network the software and operating parameters to respective ones of the security gate operating mechanisms (page 2, para.[0013]).

Storing the operating parameters at the respective ones of the gate operating mechanisms (para.[0036],[0045],[0047])

Referring to claim 2,

Townzen teaches the method as claimed in claim 1 further comprising:

- storing the operating parameters in a respective table(s) stored in the associated memory system (page 3, para.[0028], [0029]);

- updating the content of the respective table for a respective security gate operating system (page 3, para.[0028]], [0029]);

providing over the internet (Fig. 6, element 26) the updated respective table to the respective security gate operating mechanism (Fig. 6, elements 22 and 20, (page 3, para.[0028]));

verifying that the updated table has been received at the respective security gate operating mechanism (page 6, para.[0049]);

substituting the updated table at the respective security gate operating mechanism for a currently used table (page 3, para.[0028],[0029]).

Referring to claim 9,

Townzen teaches the method of claim 1 wherein the step of storing comprises:

communicating over the network to the server computer system from at least one of the respective security gate operating mechanisms and/or a remote location a request to update at least one of an operating parameter and software at the respective security gate operating mechanism; (page 6, para.[0048])

processing the requested update at the server computer system; and providing for delivery to the respective security gate operating system of at least one of the updated operating parameters and the software. (page 6, para.[0049],[0050])

Referring to claim 10,

Townzen teaches the method of claim 2 wherein the step of storing comprises:

communicating over the network to the server computer system from at least one of the respective security gate operating mechanisms and/or a remote location a request to update at least one of an operating parameter and software at the respective security gate operating mechanism (page 6, para.[0048]);

processing the requested update at the server computer system; and providing for delivery to the respective security gate operating system of at least one of the updated operating parameters and the software. (page 6, para.[0049],[0050])

Referring to claim 11,

Townzen teaches a method of controlling the operation of a plurality of security gate operating mechanisms (Fig. 6), comprising:

providing a central computer system, including an associated memory system (Fig. 6, element 46);

providing a network connection (Fig. 6, element 26) between the central computer system (Fig. 6, element 46) and each of the plurality of security gate operating mechanism (Fig. 6, elements 22 and 20)s;

storing in the associated memory system software used in operating at least some of the respective security gate operating mechanisms (page 6, para.[009]);

storing in the associated memory system operating system parameters for each of the respective security gate operating mechanisms (page 6, para.[0028]);

sending the operating parameters to and storing the operating parameters at the respective ones of the security gate operating mechanisms; (para.[0036],[0045],[0047]) and

providing the software to a respective one of the security gate operating systems on a client-server basis running the software on the central computer system as the server and utilizing the operating parameters as stored in the associated memory. (page 3, para.[0029])

Referring to claim 12,

Townzen teaches the method as claimed in claim 11 further comprising:

storing the operating parameters a respective table stored in the associated memory system (page 3, para.[0028], [0029]);

updating the content of the respective table for a respective security gate operating system (page 3, para.[0028], [0029]);

verifying that the updated table has been properly revised (page 6, para.[0049]); substituting the updated table in the associated memory system for a currently used table (page 3, para.[0028], [0029]);.

Referring to claim 19,

Townzen teaches the method of claim 11 wherein the step of storing comprises:

communicating over the network to the server computer system from at least one of the respective security gate operating mechanisms and/or a remote location a request to update at least one of an operating parameter and software at the respective security gate operating mechanism (page 6, para.[0048]);

processing the requested update at the server computer system; and providing for access on the server computer system by a respective security gate operating system by at least one of the updated operating parameters and the software (page 6, para.[0049],[0050]).

Referring to claim 20,

Townzen teaches the method of claim 12 wherein the step of storing comprises:

communicating over the network to the server computer system from at least one of the

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respective security gate operating mechanisms and a remote location a request to update at least one of an operating parameter and software at the respective security gate operating mechanism (page 6, para.[0048]);

processing the requested update at the server computer system; and providing for access on the server computer system by a respective security gate operating system the updated operating parameters and the software (page 6, para.[0049],[0050]).

Referring to claim 21,

Townzen teaches a method of controlling the operation of a plurality of security gate operating mechanisms (fig.6), comprising:

providing a central computer system, including an associated memory system (Fig.6, element 46);

providing a network connection (Fig.6, element 26) between the central computer system (Fig.6, element 46) and each of the plurality of security gate operating mechanisms (Fig.6, elements 22 and 20);

storing in the associated memory system software used in operating at least some of the respective security gate operating mechanisms (page 6, para.[009]);

storing in the associated memory system operating system parameters for each or the respective security gate operating mechanisms (page 6, para.[0028]);

providing over the network at least one of the software and operating parameters to a respective one of the security gate operating mechanisms and providing access to some of the software to the respective one of the security gate operating systems on a

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client-server basis running the software on the central computer system as the server and utilizing the operating parameters as stored in at least one of the associated memory and/or as stored at the security gate operating mechanism. (page 3, para.[0029], page 2, para.[0013]).

Referring to claim 22,

Townzen teaches the method as claimed in claim 21 further comprising:

storing the operating parameters a respective table stored in one of the associated memory system and at the respective security gate operating mechanism (page 3, para.[0028], [0029]);

updating the content of the respective table for the respective security gate operating system (page 3, para.[0028], [0029]);

verifying that the updated table has been properly revised (page 6, para.[0049]);

substituting the updated table at the respective security gate operating mechanism for a currently used table(s) and/or sub-table. (page 3, para.[0028], [0029]);

Referring to claim 29,

Townzen teaches the method of claim 21 wherein the step of storing comprises:

communicating over the network to the server computer system from at least one of the respective security gate operating mechanisms and/or a remote location a request to update at least one of an operating parameter and software at the respective security gate operating mechanism (page 6, para.[0048]);

processing the requested update at the server computer system; and providing for a selected one of a delivery to and access by the respective security gate operating

system of one the updated operating parameters and the software (page 6, para.[0049],[0050]).

Referring to claim 30,

Townzen teaches the method of claim 22 wherein the step of storing comprises:

communicating over the network to the server computer system from at least one of the respective security gate operating mechanisms and/or a remote location a request to update at least one of an operating parameter and software at the respective security gate operating mechanism (page 6, para.[0048]);

processing the requested update at the server computer system; and providing for a selected one of a delivery to and access by the respective security gate operating system the updated operating parameters and the software (page 6, para.[0049],[0050]).

Referring to claims 3, 4,13,14,23 and 24,

Townzen teaches the method wherein the network connection is a connection over one of the Internet, the world wide web, a local area network, a wide area network, an intranet, an extranet or a combination of one or more of these. (Fig. 6, element 26, page 3, para.[0027])

Referring to claims 5, 6,15,16,25 and 26,

Townzen teaches the method wherein the network is a connection over the Internet. (Fig. 6, element 26, page 3, para.[0027])

Referring to claims 7, 8,17,18,27 and 28,

Townzen teaches the method wherein the network connection is over the world wide

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web. (Fig. 6, element 26, page 3, para.[0027], page 6, para.[0048])

Referring to claims 31 and 61,

Claims 31 and 61 are claims to an apparatus that carries out the method of claim 1.

Therefore claims 31 and 61 are rejected for the reason set forth for claim 1.

Referring to claims 32 and 62,

Claims 32 and 62 are claims to an apparatus that carries out the method of claim 2.

Therefore claims 32 and 62 are rejected for the reason set forth for claim 2.

Referring to claims 33, 34, 63 and 64,

Claims 33, 34, 63 and 64 are claims to an apparatus that carries out the method of claims 3 and 4. Therefore claims 33, 34, 63 and 64 are rejected for the reason set forth for claims 3 and 4.

Referring to claims 35, 36, 65 and 66,

Claims 35, 36, 65 and 66 are claims to an apparatus that carries out the method of claims 5 and 6. Therefore claims 35, 36, 65 and 66 are rejected for the reason set forth for claims 5 and 6.

Referring to claims 37, 38, 67 and 68,

Claims 37, 38, 67 and 68 are claims to an apparatus that carries out the method of claims 7 and 8. Therefore claims 37, 38, 67 and 68 are rejected for the reason set forth for claims 7 and 8.

Referring to claims 39 and 69,

Claims 39 and 69 are claims to an apparatus that carries out the method of claim 9.

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Therefore claims 39 and 69 are rejected for the reason set forth for claim 9. (Note: page 3, para.[0027] defining "communicably coupled")

Referring to claims 40 and 70,

Claims 40 and 70 are claims to an apparatus that carries out the method of claim 10.

Therefore claims 40 and 70 are rejected for the reason set forth for claim 10. (Note: page 3, para.[0027] defining "communicably coupled")

Referring to claims 41 and 71,

Claims 41 and 71 are claims to an apparatus that carries out the method of claim 11.

Therefore claims 41 and 71 are rejected for the reason set forth for claim 11.

Referring to claims 42 and 72,

Claims 42 and 72 are claims to an apparatus that carries out the method of claim 12.

Therefore claims 42 and 72 are rejected for the reason set forth for claim 12.

Referring to claims 43 , 44, 73 and 74,

Claims 43, 44, 73 and 74 are claims to an apparatus that carries out the method of claims 13 and 14. Therefore claims 43, 44, 73 and 74 are rejected for the reason set forth for claims 13 and 14.

Referring to claims 45 ,46, 75 and 76,

Claims 45, 46, 75 and 76 are claims to an apparatus that carries out the method of claims 15 and 16. Therefore claims 45, 46, 75 and 76 are rejected for the reason set forth for claims 15 and 16.

Referring to claims 47 , 48, 77 and 78,

Claims 47, 48, 77 and 78 are claims to an apparatus that carries out the method of

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claims 17 and 18. Therefore claims 47, 48, 77 and 78 are rejected for the reason set forth for claims 17 and 18.

Referring to claims 49 and 79,

Claims 49 and 79 are claims to an apparatus that carries out the method of claim 19.

Therefore claims 49 and 79 are rejected for the reason set forth for claim 19. (Note: page 3, para.[0027] defining "communicably coupled")

Referring to claims 50 and 80,

Claims 50 and 80 are claims to an apparatus that carries out the method of claim 20.

Therefore claims 50 and 80 are rejected for the reason set forth for claim 20. (Note: page 3, para.[0027] defining "communicably coupled")

Referring to claims 51 and 81,

Claims 51 and 81 are claims to a system that carries out the method of claim 21.

Therefore claims 51 and 81 are rejected for the reason set forth for claim 21.

Referring to claims 52 and 82,

Claims 52 and 82 are claims to a system that carries out the method of claim 22.

Therefore claims 52 and 82 are rejected for the reason set forth for claim 22. (Note: also refer to page 3, para.[0029]).

Referring to claims 53 , 54, 83 and 84,

Claims 53 and 54 are claims to an apparatus that carries out the method of claims 23 and 24. Therefore claims 53 and 54 are rejected for the reason set forth for claims 23 and 24.

Referring to claims 55 , 56, 85 and 86,

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Claims 55, 56, 85 and 86 are claims to an apparatus that carries out the method of claims 25 and 26. Therefore claims 55, 56, 85 and 86 are rejected for the reason set forth for claims 25 and 26.

Referring to claims 57 ,58, 87 and 88,

Claims 57, 58, 87 and 88 are claims to an apparatus that carries out the method of claims 27 and 28. Therefore claims 57, 58, 87 and 88 are rejected for the reason set forth for claims 27 and 28.

Referring to claims 59 and 89,

Claims 59 and 89 are claims to an apparatus that carries out the method of claim 29. Therefore claims 59 and 89 are rejected for the reason set forth for claim 29. (Note: page 3, para.[0027] defining "communicably coupled")

Referring to claims 60 and 90,

Claims 60 and 90 are claims to an apparatus that carries out the method of claim 30. Therefore claims 60 and 90 are rejected for the reason set forth for claim 30. (Note: page 3, para.[0027] defining "communicably coupled")

Conclusion

Examiner's note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the

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claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.\

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashok B. Patel whose telephone number is (571) 272-3972. The examiner can normally be reached on 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Abp


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